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37MD359B

37" class LCD HDTV with Built-in DVD player

With a built-in capable DVD player, integrated digital tuner, the 37MD359B enriches the total viewing experience with ultra sharp widescreen HD picture, HD media connectivity, Dolby Digital sound and SPDIF audio output.

- ***Built-in DVD player maximizes viewing experience***
- ***High-definition LCD WXGA display, 1366 x 768p***
- ***Dynamic Contrast gives enriched color performance***
- ***Integrated tuner decodes digital ATSC and QAM signals***
- ***Multiple Audio/Video inputs (480i/p, 720p, 1080i)***
- ***Dolby Digital for movies or concerts in full surround sound***
- ***HDMI for digital High Definition connection***
- ***HDMI input for use as a PC monitor***

DVD VIDEO · Clear PIX PLUS ENGINE · DOLBY DIGITAL · HDMI · ENERGY STAR · HDTV

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37MD359B/F7

37" class LCD HDTV with Built-in DVD player

Product specifications

Picture/Display
- Aspect ratio: Widescreen
- Diagonal screen size: 37 inch / 94 cm
- Visible screen diagonal (inch): 37.02 inch
- Panel resolution: 1366 x 768p
- Brightness: 430 cd/m²
- Contrast ratio (typical): 2000:1
- Dynamic screen contrast: 8000:1
- Picture enhancement: Clear Pix Plus Engine, Progressive Scan, 3D Combfilter, Digital Noise Reduction, Dynamic contrast enhancement
- Response time (typical): 3.7 ms
- Viewing angle: 176° (H) / 176° (V)

Supported Display Resolution

Resolution	Refresh rate
Computer formats	
640 x 480	60Hz
720 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1360 x 768	60Hz
1440 x 900	60 Hz
Video formats	
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz

Sound
- Sound System: Mono, Stereo, SAP, Dolby Digital (AC-3)
- Output power (RMS): 2 x 10W
- Sound Enhancement: Virtual Surround Sound

Loudspeakers
- Built-in speakers: 2

Convenience
- Ease of Installation: Autostore, PLL Digital Tuning, Plug & Play
- User convenience: Sleep Timer
- Ease of Use: Auto Volume Leveller (AVL), On Screen Display, Smart Picture, Smart Sound, Closed Captioning Full Text, Side Control
- Screen Format Adjustments: Widescreen, 4:3, Movie expand 14:9, Super Zoom, 16:9 subtitle
- Child Protection: Child Lock+Parental Control

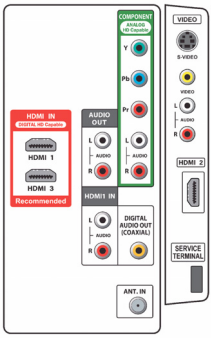
Built-in DVD
- Playback media: CD-R, CD-RW, DVD-Video, DVD+R, DVD+RW, DVD-R, DVD-RW, Audio CD
- Video disc playback system: NTSC
- Video compression format: MPEG2
- Audio compression format: Dolby Digital, PCM

Tuner/Reception/Transmission
- Aerial Input: 75 ohm F-type
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: ATSC, NTSC
- Cable: Unscrambled Digital Cable -QAM
- Video Playback: NTSC

Connectivity
- AV 1: Audio L/R in, YPbPr
- Front / Side connections: S-video in, CVBS in, Audio L/R in, HDMI v1.3
- Audio Output - Digital: Coaxial (cinch)
- AV output: Audio (L/R) x1
- HDMI 1: Analog audio L/R in, HDMI v1.3
- HDMI 2: HDMI v1.3
- HDMI-CEC: One touch play, Power status, System standby

Power
- Mains power: 120V/60Hz
- Power consumption: 207 W
- Standby power consumption: 0.5W
- Ambient temperature: 5 °C to 35 °C

Dimensions
- Set dimensions in inch (W x H x D): 35.9 x 23.7 x 5.1 inch
- Set dimensions with stand in inch (W x H x D): 35.9 x 25.2 x 10.2 inch



Built-in DVD player
A multi-format DVD player integrated into the LCD TV that makes it easy for video fans and music lovers to enjoy all widely accepted DVD and CD formats as well as the increasing popular MP3 digital music without the cost of purchasing and the hassle of hooking up a separate player. The integrated player is compatible with DVD, DVD+R/RW, DVD-R/RW, VCD, CD, CR-RW, picture CD, MP3 and HDCD discs.

LCD WXGA display, 1366x768p
This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Dynamic Contrast
Special picture processing technology dynamically and seamlessly delivers vibrant images in bright scenes or reproduces a deep blacks and accurate rendering of darker colors and shades in dark scenes. You get the ultimate LCD picture: stable and clear images with enriched color performance and excellent contrast.

Integrated HDTV tuner
A built-in digital tuner receives and decodes ATSC off-air and unscrambled cable signals directly, so you can view digital high-definition TV programming without an additional set-up box.

Multiple AV inputs
Multiple AV inputs accommodate a variety of format choices in connecting video and audio devices (480i/p, 720p, 1080i).

HDMI input
HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

Dolby Digital
Because Dolby Digital and DTS, the world's leading digital multi-channel audio standards, make use of the way the human ear naturally processes sound, you experience superb quality surround sound audio with realistic spatial cues.

PC input via HDMI
With PC input you can use your TV as a PC monitor via a HDMI-DVI cable/converter.

Date of issue 2009-08-10

Version: 1.8.2

12 NC: 8670 000 50168
UPC: 6 09585 16642 4

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Product specifications (continued)

- Weight incl. Packaging (lb): 38.6
- Box dimensions in inch (W x H x D): 42.3 x 28.6 x 9.0 inch
- VESA wall mount compatible: 200 x 200 mm
- Product weight (+stand) (lb): 30.9 lb
- Product weight (lb): 28.7

Accessories

- Included Accessories: Power cord, User Manual, Quick start guide, Registration card, Remote Control, Batteries for remote control, Table top stand

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